



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE117-80168 W2-2
Job Sheet 185120



Part No: RBE117-80168 W2-2

Job Qty: 4 ea

Part Name: Tool 2



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/23/18

Job Tracking No:

Due Date: 11/30/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE117-80168 W2 Rev. 0 IPP Rev. A 18.09.27 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea	11/30/18	11/30/18	0.00	0.00	Start Up Machining-3		
120	CNC Lathe	4 pcs	11/30/18	11/30/18	0.00	0.67	MORI SL-154		
130	QC	4 pcs	11/30/18	11/30/18	0.00	0.00	QC2 Machining-4		
140	QC	4 pcs	11/30/18	11/30/18	0.00	0.00	QC8 Machining-4		
170	Outsource	4 pcs	11/30/18	11/30/18			GRO002-VC	10	
180	Packaging	4 pcs	11/30/18	11/30/18	0.00	0.00	Packaging2		
190	QC	4 pcs	11/30/18	11/30/18	0.00	0.00	QC6		
200	Packaging	4 pcs	11/30/18	11/30/18	0.00	0.00	Packaging3-1		
210	QC21-SA	4 Ea	11/30/18	11/30/18	0.00	0.00	QC21		

Part Op 120 - 1-Machine as per DWG. FC431 FOLIO REV: _____ DWG REV: _____ 2-Debur
Descriptions: 170 - Issue P/O to GROUPE ALTECH: P/O 41985 -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required

DEC 07 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R1.000	4140 Quenched &Tempered Steel Round Bar 1.000" Dia.	.9600 ft (.24 ea)	90-Start up Operation	5093068

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R1.000	1	30	0

Part Specifications



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaero.com

could not be found.

Plex 10/23/18 7:55 AM Dart.lajeunesse.marie

Container No: S135508



Part: RBE117-80168 W2-2

Job No: 185120

Serial No/Batch: S135508

Revision: 0

Inspector:

Exp Date:

Instructions:

Date: 12/06/18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

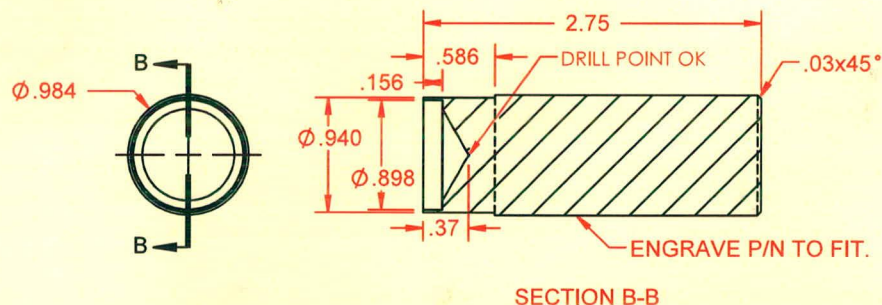
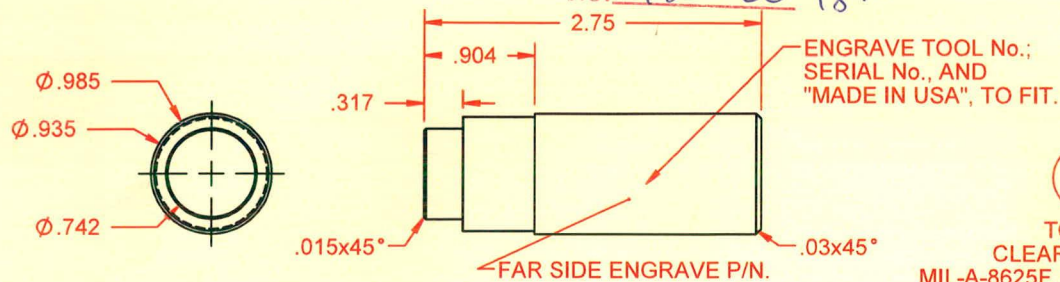
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

0.287
0.256
0.227
0.197
0.167
0.138
0.108
0.078
0.048
0.018
0.000

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVE
-	-	-	-	-



ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS
			-1	1	TOOL 1	6061	Ø 1 x 2-7/8
			-2	1	TOOL 2	4140 Q&T	Ø 1 x 2-7/8
	ASSY #						

 RED BARN MACHINE	
TITLE M/R HUB MOUNTING TOOL	
DWG NO. RBE117-80168 W2	REV -
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX $\pm$.005 .XX $\pm$.01 .X $\pm$.1 FRACTIONS $\pm$ 1/32 ANGLES $\pm$ 5°	DRAWN BY: PERRITT APPROVED <i>D Weir</i> HEAT TREAT FINISH SPEC SEE TOOL USED ON MODEL EUROCOPTER 145
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 6-6-09
SHEET 1 of 1	

6 April 1921



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041985**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO041985

PO Date: 12/7/18

Due Date: 12/13/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185120	RBE117-80168 W2-2	Tool 2 -Issue P/O to GROUPE ALTECH: P/O -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required	Firmed	-	12/13/18	4 pcs	0 pcs	4 pcs	\$22.50/pcs	\$90.00

4 X DEC 11 2018

Grand Total: \$90.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/10/18 8:41 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(015172-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

015172- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.					
10-Dec-2018		Aman		041985					
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order	
1	RBE117-80168 W2-2 ✓ Rev.	RBE117-80168 W2-2 01-ZINC-YELLOW [ZINC YELLOW] OLD YELLOW CHROMATE, 96 hours ASTM B633 TYPE 2 SC2	ZINC CH	4	4 ✓	0	0	0	38 9-89

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

